October 30, 2014

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed Defense Logistics Management Standards (DLMS) Change (PDC) 1138,
Revise DLMS 830D Demand Data Exchange (DDE) Projected Supply Plan to
provide an FST04 Date Representing the Start Date of Forecast Bucket (Supply)

        We are forwarding the attached proposed change to DLM 4000.25, Defense Logistics
Management System, for evaluation and submission of a single coordinated DOD Component
position. It is the responsibility of the Component Supply PRC representative to ensure full
coordination of the proposal within your Component.

        Request you review the attached proposed change and provide your comments/
concurrence to Defense Logistics Management Standards Office (DLMSO) not later than **30** days
from the date of this memorandum. If nonconcurrence is provided, please provide an alternate
method to meet the requirement being addressed.

        Addressees may direct questions to Mary Jane Johnson, (703) 767-0677; DSN 427-0677 or
email: Mary.Jane.Johnson@dla.mil. Others must contact their Component designated Supply PRC
representative available at https://www2.dla.mil/j-6/dlmso/CertAccess/SvcPointsPOC/allpoc.asp

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment
As stated

cc: ODASD (SCI)

Attachment to PDC 1138
Revise DLMS 830D Demand Data Exchange (DDE) Projected Supply Plan to provide an FST04 Date Representing the Start Date of Forecast Bucket

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

    a. <u>Technical POC</u>: Program Management Office, Logistics Modernization Program (PMO LMP), 862-259-0186

    b. <u>Functional POC</u>: PMO LMP, 973-724-9335

2. FUNCTIONAL AREA: Primary: Supply

3. REFERENCES:

    a. Approved DLMS Change (ADC) 1105, Revise DLMS 830D Demand Data Exchange (DDE) Projected Supply Plan Requirements to Clarify Data and Associated Procedures, April 17, 2014, www.dla.mil/j-6/dlmso/eLibrary/changes/approved1100.asp

    b. DLMSO Director email, February 19, 2014, subject: Demand Forecasting Recap of Telecon 19 Feb 14

    c. DLM 4000.25, Defense Logistics Management System, Volume 2, Supply Standards and Procedures, www.dla.mil/j-6/dlmso/elibrary/manuals/dlm/dlm_pubs.asp

4. REQUESTED CHANGE(S):

    a. <u>Overview of Change</u>: This change incorporates in the DDE Projected Supply Plan (DLMS 830D) transaction use of the actual forecast data aligned to the forecast quantity for that date. Army would like to continue populating the intelligent forecast date associated with that monthly bucket, with the understanding that DLA would implement the same when DLA implements DLMS 830D. Until DLA implements DLMS 830D, DLA Transaction Services would continue to ignore that date populated by Army in the translation to DLA's legacy format, and only read the currently populated date of the beginning of the entire forecast.

    b. <u>Background</u>:

        (1) Under the current DLMS 830D Implementation Convention (IC), the FST04 (Date) element is required to be the same as the beginning segment BFR06 date, which is the projected supply plan period start date. The FST04 DLMS Note in the 830D IC states that use of FST04 as other than BFR06 date functionality is a DLMS enhancement and Components must coordinate requirements and business rules with the Defense Logistics Management Standards Office prior to use.

        (2) During the initial Army implementation of DLMS 830D with DLA, Army populated the FST04 date as corresponding to the forecast quantity (i.e., the start date for each forecast bucket), rather than the start date for the entire forecast (as reflected in BFR06). This was

a misinterpretation of the IC requirement and DLA Transaction Services did not recognize intelligent forecast dates that Army populated in the FST04. The current DLMS 830D IC requirement does not use FST04 as a date representing the start of each forecast bucket, therefore the IC requires an iteration of the 2/FST/4100 segment for each of the sixty months of the forecast period, regardless of any periods that may have zero quantity. Army believes that populating the forecast date corresponding to each forecast quantity is a true DLMS enhancement, and should be considered for future implementation. Army is proposing such use be authorized by this PDC for those DOD Components that are DLMS compliant and use DLMS 830D, with the understanding that DLA and DLA Transaction Services will not use the FST04 date in this manner immediately since DLA has not yet implemented DLMS for this process. Army's proposed use of FST04 is consistent with the 830D Accredited Standards Committee (ASC) X12 FST Segment comment, which states that, when used with forecast buckets (e.g., weekly, monthly, quarterly, etc.), FST04 represents the first date of a forecasted bucket. As a result of the initial Army implementation of the 830D DDE Projected Supply Plan, DLMSO published ADC 1105 (Reference 3.a.) to further clarify the current intended purpose of each of the data elements in question.

(3) The implemented procedures in use today are:

(a) The DDE Projected Supply Plan transactions are sent by Army Logistics Modernization Program (LMP) to DLA Enterprise Business System (EBS) via DLA Transaction Services in DLMS 830D format. The 1/BFR06/0200 data element indicates the starting date for the forecast. For a five year monthly forecast, there is an iteration of the 2/FST/4100 loop <u>for each of the sixty (60) months</u> of the forecast, in consecutive order. All FST04 elements prepared by Army LMP currently contain the forecast date corresponding to the quantity bucket, even if it is zero quantity. It is understood that DLA Transaction Services uses the BFR06 date, so there would be limited value in LMP changing its functionality.

(b) DLA EBS is not yet DLMS compliant for DDE Projected Supply Plan. Therefore, DLA requires that DLA Transaction Services translate DLMS 830D into the legacy DLA-unique Document Identifier Code (DIC) CDD fixed format transaction, using the date in BFR06 to populate the starting date of the forecast in the legacy CDD record positions 41-45. DLA has not yet implemented the DLMS 830D, but has committed to doing so per Reference 3.b.

(c) DLA Transaction Services sends formatted legacy DLA DIC CDD transactions to DLA EBS.

c. <u>Requested Change in Detail</u>:

(1) Modify the DLMS 830D FST04 data element to identify the forecast date of the quantity in FST01 (i.e., the start date of a forecasted monthly bucket). Forecast horizon start date will continue to be identified in the beginning segment at BFR06.

(2) There will continue to be sixty (60) FST loops for the five-year monthly buckets to align with the current requirement to include zero quantity segments in FST01.

(3) Army considers this change is an interim step. To achieve true utilization of the DLMS format, only having required quantities (i.e., non-zero) and dates populated in the

DLMS 830D transaction is the next logical step; this would require a new PDC to propose updated business rules and notify systems to make the changes.

     d. **Revisions to DLM 4000.25 Manuals:** Revise DLMS 830D as shown at the enclosure.

     e. **Alternatives:** Require Army to populate all FST04 data elements with the BFR06 date. This could cause Army to lose sight of the requirement when it is required on the horizon, and additional coding will be required by Army in the future.

5. REASON FOR CHANGE: Aligns DLMS use of FST04 with the intended Accredited Standards Committee (ASC) X12 use. Prepares Army for the full DLMS mapping in the future and allows Army to always have visibility of when the forecast requirement quantities are required.

6. ADVANTAGES AND DISADVANTAGES:

     a. **Advantages:**

       (1) Army advises that currently DLA Transaction Services does not read the FST04 data element, so no negative impacts should be seen on the conversion.

       (2) The DOD MILSTRAP Administrator notes that use of FST04 as Army proposes is consistent with the ASC X12 intent for FST04. The 830D FST Segment Comments state: "As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, **the first date of a forecasted bucket (weekly, monthly, quarterly, etc.)**, or the start date of a flexible interval.

     b. **Disadvantages:** DLA EBS and DLA Transaction Services programming changes will be required when DLA implements DLMS 830D for this function (implementation date unknown at this time), however, DLA is required to implement DLMS for this process, independent of this proposal.

7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:

     a. The current DLMS 830D Implementation Convention FST segment strategy is based on DLA legacy system and CDD format requirements and limitations. As other systems become DLMS compliant, additional changes to the mapping and conventions for the DLMS 830D may need to be implemented. Possible future changes include proposing the inclusion of only non-zero quantity forecasts over the 60 month period (i.e. less than 60 FST iterations for a 5 year forecast), as well as removing the requirement for the FST segments to be in chronological order, as the actual date is already provided.

     b. Per the Reference 3.b. telecon, DLA J33 agreed to initiate a system change request to use the DLMS 830D transaction for DDE Projected Supply Plan, in lieu of DLA's legacy DIC CDD 1,062 character transaction. This effort will ensure DLA becomes DLMS compliant with respect to this process.

8. ADDITIONAL COMMENTS TO CONSIDER:

    a. This change would formally approve the current Army use of the FST04 data element to be the date associated with the quantity in the corresponding FST01 data element, and provide for future implementation of same by DLA and DLA Transactions Services, when DLA implements DLMS 830D.

    b. DLMS 830D and DLM 4000.25-2, Volume 2, do not currently authorize the use of fewer than 60 consecutive months (for a 60 month forecast period) of forecast data, to exclude months with zero plan data. Army may submit a future PDC to propose this capability.

    c. No immediate AIS impact for DLA EBS and DLA Transaction Services; impact will coincide with DLA's implementation of DLMS 830D. Immediate impact is Army continues to populate FST04 with the monthly bucket date, consistent with the ASC X12 intent for FST04, and have DLA Transaction Services continue to ignore initially as they use BFR06 date. However, if approved, a future implementation date will need to be established for DLA. Otherwise, there will be two disparate requirements for FST04 with no plan to move forward to a standard solution. Accordingly staggered implementation is appropriate. The standard solution must be addressed in this PDC, and DLA must provide an implementation target for becoming DLMS compliant with implementation of DLMS 830D, or a plan to provide an implementation target if not known at this time. Essentially this change has 2 parts:

        (1) Army LMP continued use of the FST04 monthly bucket date as they have been doing, with no negative impact to DLA EBS and DLA Transaction Services, which continue to use BFR06 date for FST04, and

        (2) DLA implementation of DLMS at a date to be determined, with use of the FST04 bucket date consistent with Army approach and the ASC X12 intent for FST04.

9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:

    a. <u>DLA</u>: Request DLA advise, in response to this PDC, target implementation date to become DLMS compliant and implement DLMS 830D, with ability to recognize the intelligent FST04 date. DLA implementation of DLMS 830D will require coordination with DLA Transaction Services. If the date cannot be determined at this time, include plan, in response to this PDC, to implement DLMS 830D and advise DLMSO of target implementation date when known.

    b. <u>Army</u>: Army is currently populating the FST04 date as described in this change, accordingly Army implementation would be immediate and coincide with the ADC date.

    c. <u>Air Force, Navy, and Marine Corps</u>: If approved, this change will be effective immediately for Air Force, Navy, and Marine Corps, since they have not yet implemented DLMS 830D. Those Services would include the intelligent FST04 date in their implementations, even if DLA has not yet implemented DLMS 830D to accept/process the date. Request Air Force, Navy, and Marine Corps advise if DLMS 830D implementation is already underway at this time, and impacted by this change.

10. IMPACT:

     a. New DLMS Data Elements: New usage of the 'Date - Forecast Bucket Start' (FST04) data element. Represents the first date of a forecasted bucket

     b. Changes to DLMS Data Elements: None.

     c. Automated Information Systems (AIS): Army LMP will continue to process DLMS 830D transactions as it currently does and DLA EBS will continue to receive and process them as it does currently.

        (1) DLA: DLA is required to implement DLMS 830D to become DLMS compliant. Coinciding with DLA's implementation of DLMS for DDE Projected Supply Plan, DLA to implement the intelligent FST04 date consistent with this change and the ASC X12 intent that FST04 represents the first date of a forecasted bucket (weekly, monthly, quarterly, etc.). DLA must coordinate its implementation of DLMS 830D with DLA Transaction Services due to the impact.

        (2) Army: No impact. Army LMP will continue to process DLMS 830D transactions as it currently does. Army currently populates the intelligent FST04 date described in this change, but that date is not read by DLA Transaction Services since the date cannot be translated to the non-DLMS compliant, DLA-unique DIC CDD transaction currently used by DLA.

     d. DLA Transaction Services: No immediate changes to DLA Transaction Services maps are required, as they do not currently read the FST04 data elements. However, as DLA implements DLMS 830D, DLA Transaction Services will be required to read the FST04 dates as described in this change. Accordingly, impact will coincide with DLA implementation of DLMS 830D.

     e. Non-DLM 4000.25 Series Publications: None identified.

Enclosure

Enclosure to PDC 1138
Revisions to DLMS 830D

#	Location	DLMS 830D Change Table (Change identified by **bold text** or ~~double strikethrough~~)	Reason
1.	DLMS Introductory Note	<u>Revise DLMS Introductory note 4 to add change:</u> *- **PDC 1138, Revise DLMS 830D Demand Data Exchange (DDE) Projected Supply Plan to provide an FST04 Date Representing the Start Date of Forecast Bucket (Supply)***	To identify DLMS changes included in the implementation convention.
2.	2/FST04/4100	<u>Revise FST04 DLMS Notes:</u> **DLMS Note:** *1. Must use to identify the start date ~~for which materiel support should be available~~ ~~for the NIIN cited in LIN02/03~~ for the **forecast** bucket (**e.g.,** ~~weekly,~~ **monthly**) identified in FST03 **for the associated quantity in FST01.** ~~This date corresponds to the 1/BFR06/0200 start date.~~ **Authorized DLMS migration enhancement. Refer to PDC 1138.*** ***2. Until such time as DLA implements DLMS 830D, the DLA legacy fixed format DIC CDD cannot use this date and the forecast bucket dates will not be mapped to the legacy transaction. However, all DLMS implementations must use the start date for the monthly bucket to position the input for DLA's planned implementation of DLMS 830D.*** ~~*3. Use for other than a date that corresponds to the BFR06 date is a DLMS enhancement and therefore requires a proposed DLMS change (PDC) before use. See introductory DLMS note 3a, which requires that Components must coordinate requirements and business rules for DLMS enhancements with the Defense Logistics Management Standards Office prior to use.*~~	To allow Components that have implemented, or plan to implement, DLMS 830D to use FST04 consistent with FST segment ASC X12 comment that as qualified by FST02 and FST03, FST04 represents the first date of a forecasted bucket (weekly, monthly, quarterly, etc.).